

Bacteria Notes Review

Name: _____ Date: _____

Table: _____ Section: _____

1. How do eukaryotes and prokaryotes differ?
2. What are the three ways in which bacteria obtain food?
3. How do bacteria obtain energy to carry out their functions?
4. What is binary fission?
5. A friend states that all bacteria are harmful to people. List three reasons why this is statement is inaccurate.
6. Why might bacteria that undergo conjugation be better able to survive when conditions become less than ideal?

Performance Task: Growing Bacteria

Procedure:

1. Obtain a prepared petri dish and a cotton swab.
2. Collect a sample of bacteria from a solid surface.
3. Using the pac-man method, swab your petri dish with the sample.
4. Label & seal your petri dish.

Pre Lab Questions:

1. Where do you think you will find the highest amount of bacteria?

2. What do you think the petri dish will look like in 3-4 days?

4. Location my group tested:
